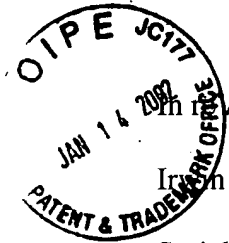


#2

PATENT APPLICATION
RECEIVED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JAN 22 2002
Technology Center 2600



In re Application of

Irwin GERSZBERG et al.

Serial No.: 10/005,153

Filed: December 7, 2001

Group Art Unit: Unknown

Examiner: Unknown

Atty. Docket No: 003493.00513
(IDS 112813.CON)

For: HYBRID FIBER TWISTED PAIR LOCAL LOOP NETWORK SERVICE
ARCHTECTURE

INFORMATION DISCLOSURE STATEMENT

Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Copies of the references are attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

PATENT APPLICATION
Serial No. 10/005,153

The present Information Disclosure Statement lists all of the references cited and/or filed in the parent application, serial number 09/001,360.

The present Information Disclosure Statement is being filed within three months of the U.S. filing date and/or before the mailing date of a first Office Action on the merits and therefore no certification or fee is deemed necessary. However, if a fee is required, the Commissioner is authorized to charge our Deposit Account No. 19-0733.

Respectfully submitted,

By: Richard C. Irving
Richard C. Irving
Registration No. 38,499

RCI:jljg

BANNER & WITCOFF, LTD.
1001 G Street, N.W.
Eleventh Floor
Washington, D.C. 20001-4597
Phone: (202) 508-9100
Fax: (202) 508-9299

Dated: January 14, 2002